

How to upgrade my PHILIPS ADSL 515 Wireless Base Station

This How-To manual will answer the following questions:

[1. Why should I upgrade my ADSL 515 wireless base station firmware?](#)

[2. How do I know which firmware version I have now?](#)

[3. How do I know what the latest firmware is?](#)

[4. How do I upgrade my ADSL 515 wireless base station with the new firmware?](#)

[5. How do I secure my ADSL 515 wireless network?](#)

[5.1 How do I set the network security of my wireless base station?](#)

[5.2 How do I set the security of my wireless accessories?](#)

1. Why should I upgrade my ADSL 515 wireless base station firmware?

- To fix bugs
- To add new functions

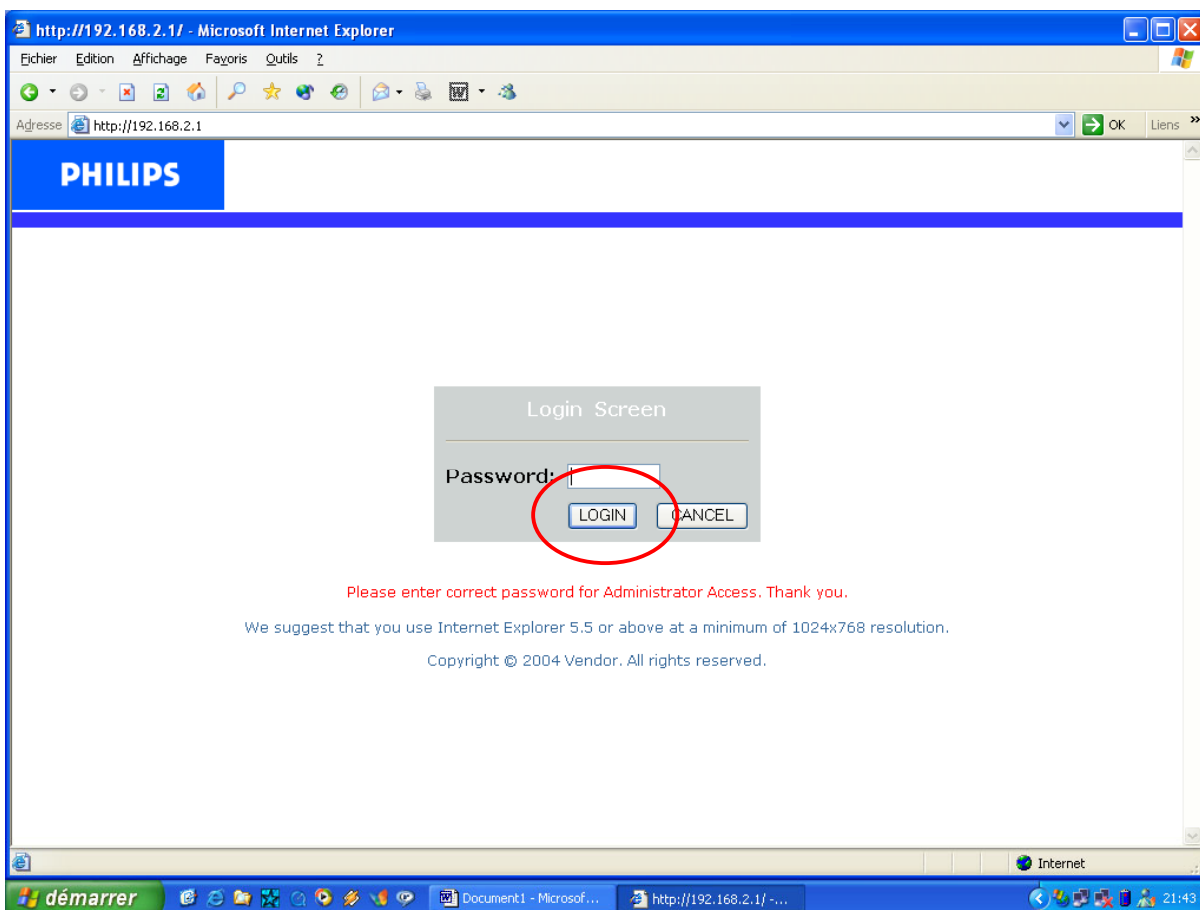
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2. How do I know which firmware version I have now?

The current firmware version can be found in the Wireless Base Station. Access the Wireless Base Station with your Internet browser. The default IP address of the base station is <http://192.168.2.1>. If you don't know the IP address of you base station, refer to chapter 4. [Configuring the ADSL Router](#) of the Base station manual.



The login screen will appear as shown below. Fill in the password if necessary (by default, no password is needed) and click with the mouse arrow on 'Login'.



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Then click with the mouse arrow on 'Status' in the left bottom part of the screen. The status screen of the ADSL 515 will be shown as below.

The screenshot shows the Philips ADSL 515 web interface in Microsoft Internet Explorer. The browser address bar shows `http://192.168.2.1/index.stm`. The page title is "ADVANCED SETUP". The left sidebar contains a navigation menu with the following items: >> SETUP WIZARD, SYSTEM, WAN, LAN, WIRELESS, NAT, ROUTING, FIREWALL, SNMP, UPnP, ADSL, TOOLS, and STATUS. The main content area is titled "Status" and contains the following information:

Current Time: 12/16/2004 12:48:55 am

INTERNET	GATEWAY	INFORMATION
ADSL: CONNECTED	IP Address: 192.168.2.1	Numbers of DHCP Clients: 2
WAN IP: 80.125.73.239	Subnet Mask: 255.255.255.0	Runtime Code Version: 0.33 (Oct 21 2004 00:52:38)
Subnet Mask: 255.0.0.0	DHCP Server: Enabled	Boot Code Version: 0.63
Gateway: 80.125.73.1	Firewall: Disabled	ADSL Modem Code Version: 03.01.02.00A
Primary DNS: 217.19.192.131	UPnP: Enabled	LAN MAC Address: 00-30-F1-D4-E9-D7
Secondary DNS: 217.19.192.132	Wireless: Enabled	Wireless MAC Address: 00-30-F1-D4-E9-D9
		WAN MAC Address: 00-30-F1-D4-E9-D8
		Hardware Version: 01
		Serial Num: A422027645

Below the information table, there is a "Disconnect" button. At the bottom of the page, there is a section titled "ATM PVC" with a table containing one entry:

VC:1

The Windows taskbar at the bottom shows the "démarrer" button, several application icons, and the system tray with the time 21:52.

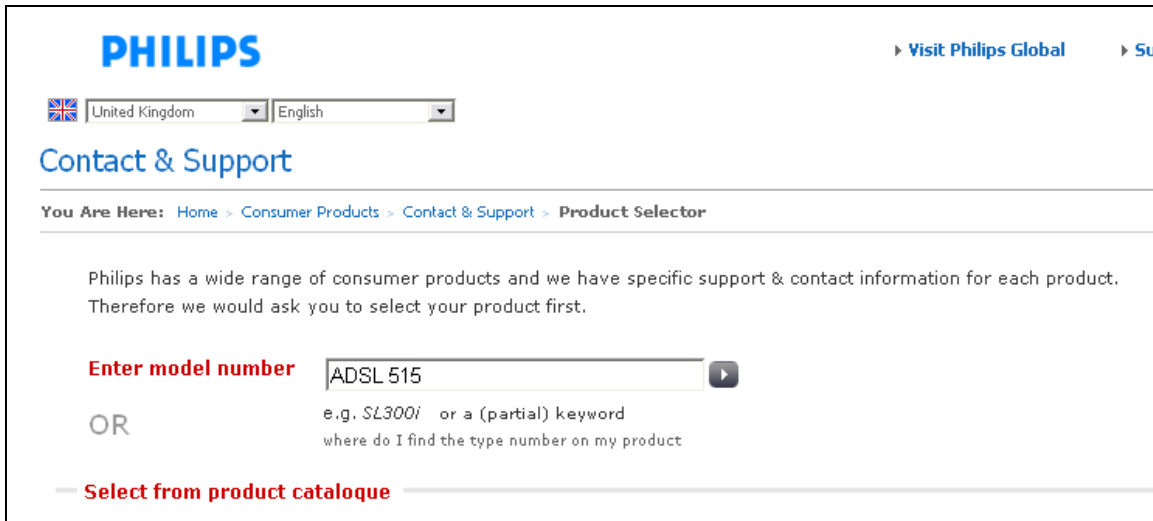
Here you can see the current firmware (Runtime Code) version of your ADSL 515. In this example it is 0.33.

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3.How do I know what the latest firmware is?

The latest firmware can be found on the Philips support site
<http://www.philips.com/support>.

Enter the Wireless Base Station model number (ADSL 515 in this example) and click with the mouse arrow on the right arrow button. The model number can be found on the bottom of the ADSL 515 Base Station.



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Contact & Support

You Are Here: [Home](#) > [Consumer Products](#) > [Contact & Support](#) > [Product Selector](#)

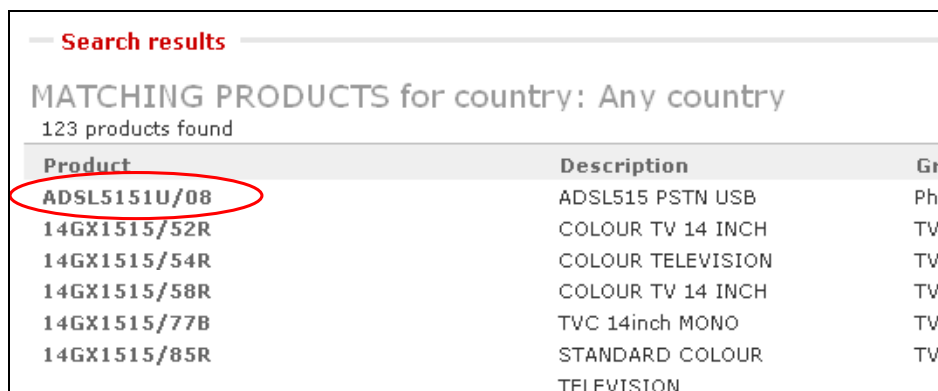
Philips has a wide range of consumer products and we have specific support & contact information for each product. Therefore we would ask you to select your product first.

Enter model number

OR e.g. *SL300i* or a (partial) keyword where do I find the type number on my product

Select from product catalogue

Select the Product.



Search results

MATCHING PRODUCTS for country: Any country

123 products found

Product	Description	Gr
ADSL5151U/08	ADSL515 PSTN USB	Phc
14GX1515/52R	COLOUR TV 14 INCH	TV
14GX1515/54R	COLOUR TELEVISION	TV
14GX1515/58R	COLOUR TV 14 INCH	TV
14GX1515/77B	TVC 14inch MONO	TV
14GX1515/85R	STANDARD COLOUR	TV
	TELEVISION	

On the left hand side select 'Software'.



Product Support Information

Online Support information for this product is available from the menu left.

On-line services

- Support Forum
- Reference material

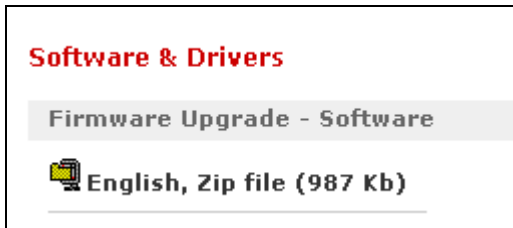
Product support

- Software**



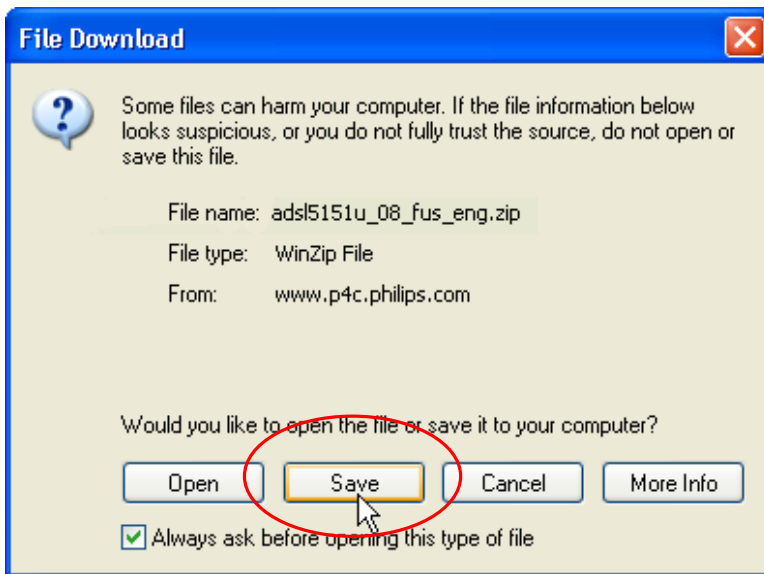
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Here you can see the downloadable firmware for your ADSL 515

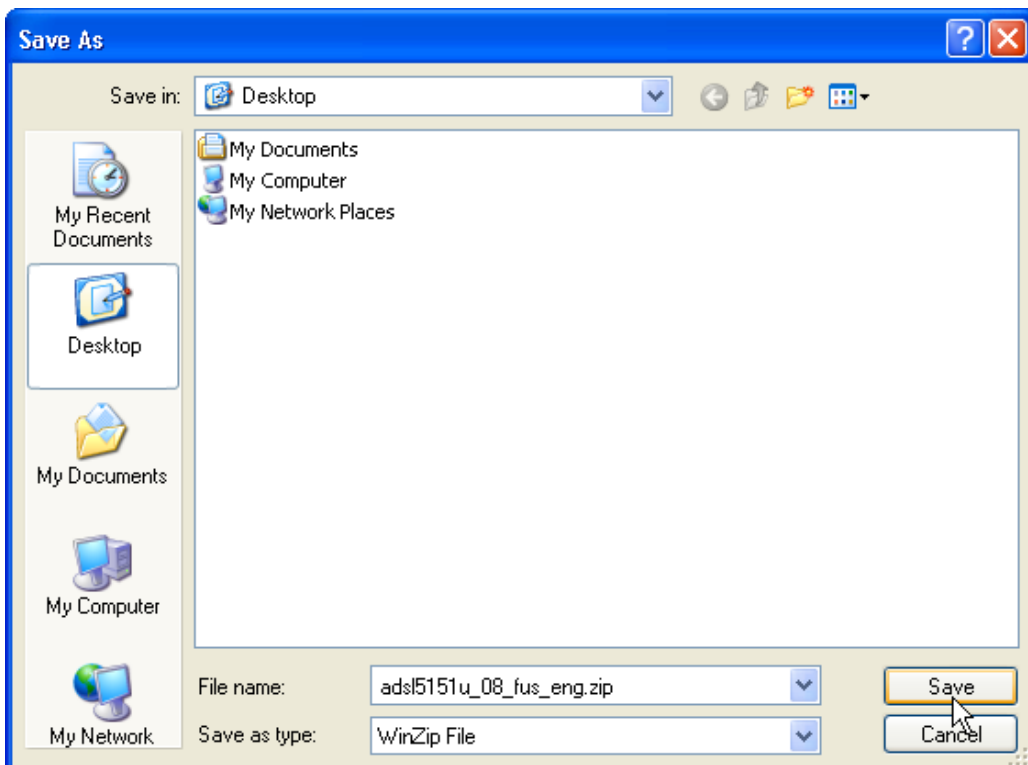


You can download the file by clicking with the mouse arrow on the file name (English, Zip file in the example).

The following window will appear. Click the 'Save' button to save the new firmware.



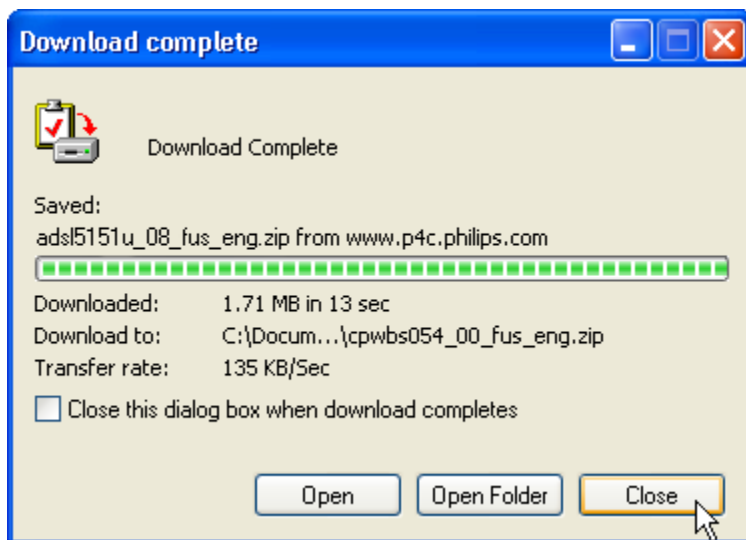
A Windows 'Save As' window will open allowing you to save the firmware in a particular place.



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In this example the new firmware will be saved on the desktop.

Wait until the download has finished and then click on Close. (If the 'Close this dialog box when download completes' is check-marked, the window will close automatically).



The next chapter explains how to upgrade you Wireless Base Station with the new firmware.

Note: You will need to have an archive extractor software like WinZip or WinRAR installed on your computer to open the firmware file downloaded.

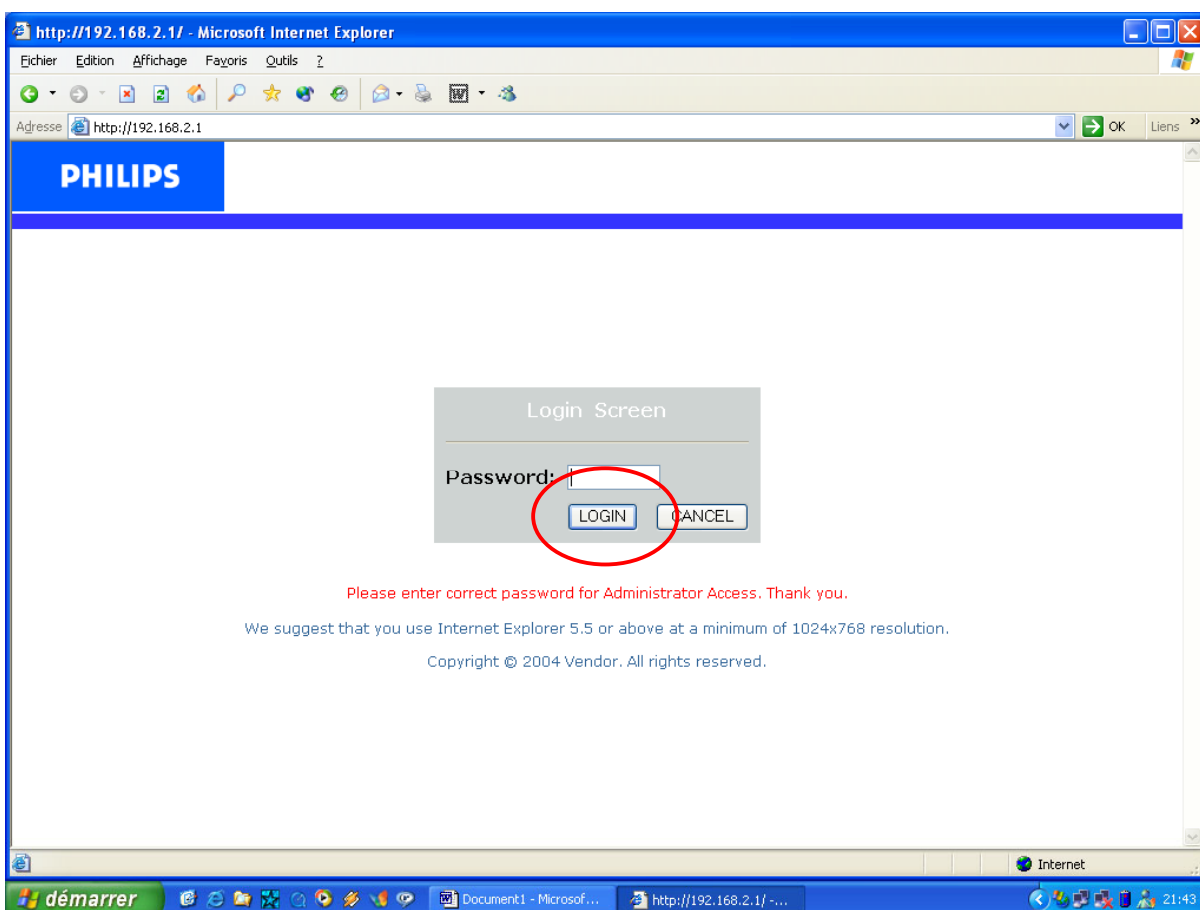
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4. How do I upgrade my ADSL 515 wireless base station with the new firmware?

The current firmware version can be found in the Wireless Base Station. Access the Wireless Base Station with your Internet browser. The default IP address of the base station is <http://192.168.2.1>. If you don't know the IP address of your base station, refer to chapter 4. [Configuring the ADSL Router](#) of the Base station manual.

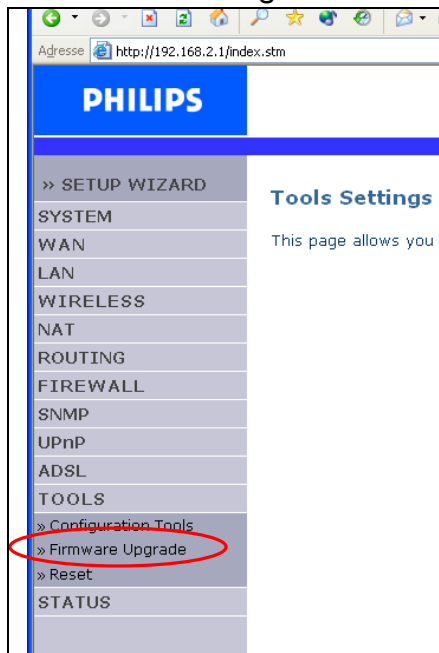


The login screen will appear as shown below. Fill in the password if necessary (by default, no password is needed) and click with the mouse arrow on 'Login'.

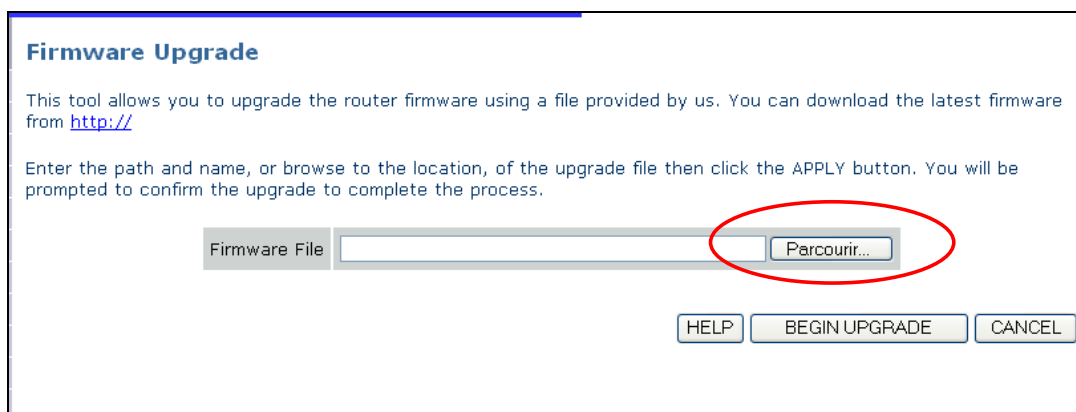


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Then click with the mouse arrow on 'Tools' in the left bottom part of the screen. The Tools Settings screen of the ADSL 515 will be shown.

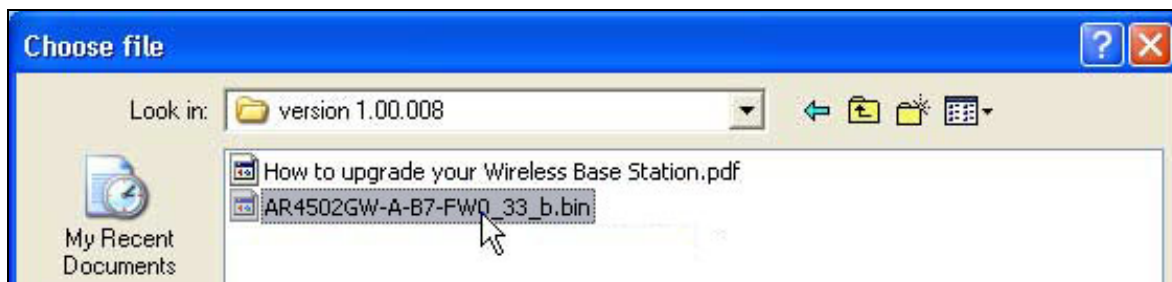


Click with the mouse arrow on 'Firmware Upgrade'.



Now click with the mouse arrow on the "Browse" button and access the place where you've downloaded the latest firmware. (Make sure you've unzipped the firmware from the zip-file).

Select the new firmware file and click on the 'open' button.



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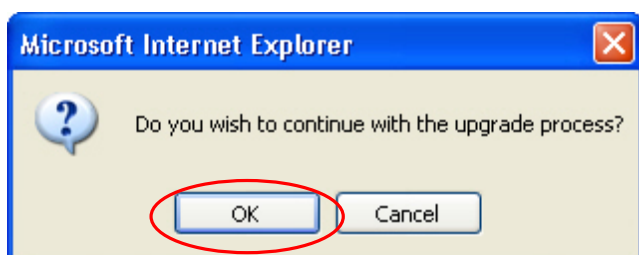
Firmware Upgrade

This tool allows you to upgrade the router firmware using a file provided by us. You can download the latest firmware from <http://>

Enter the path and name, or browse to the location, of the upgrade file then click the APPLY button. You will be prompted to confirm the upgrade to complete the process.

Firmware File

Click with the mouse arrow on the 'BEGIN UPGRADE' button to start the firmware upgrade.



Confirm that you would like to upgrade. At the end of the upgrade the ADSL 515 Wireless Base Station will reboot to make the new firmware affective. During the reboot the ADSL 515 Wireless Base Station will not be accessible.

The upgrade process will start and will take as long as 1½ to 2 minutes. A progress bar will be visible at the bottom of the browser.

After an upgrade the ADSL 515 will show the Login Screen. You will need to set your ADSL 515 again with your Internet Provider parameters using the installation CDROM or manually.

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5. How do I secure my ADSL 515 wireless network?

To make your wireless network safe, you should turn on the security function.

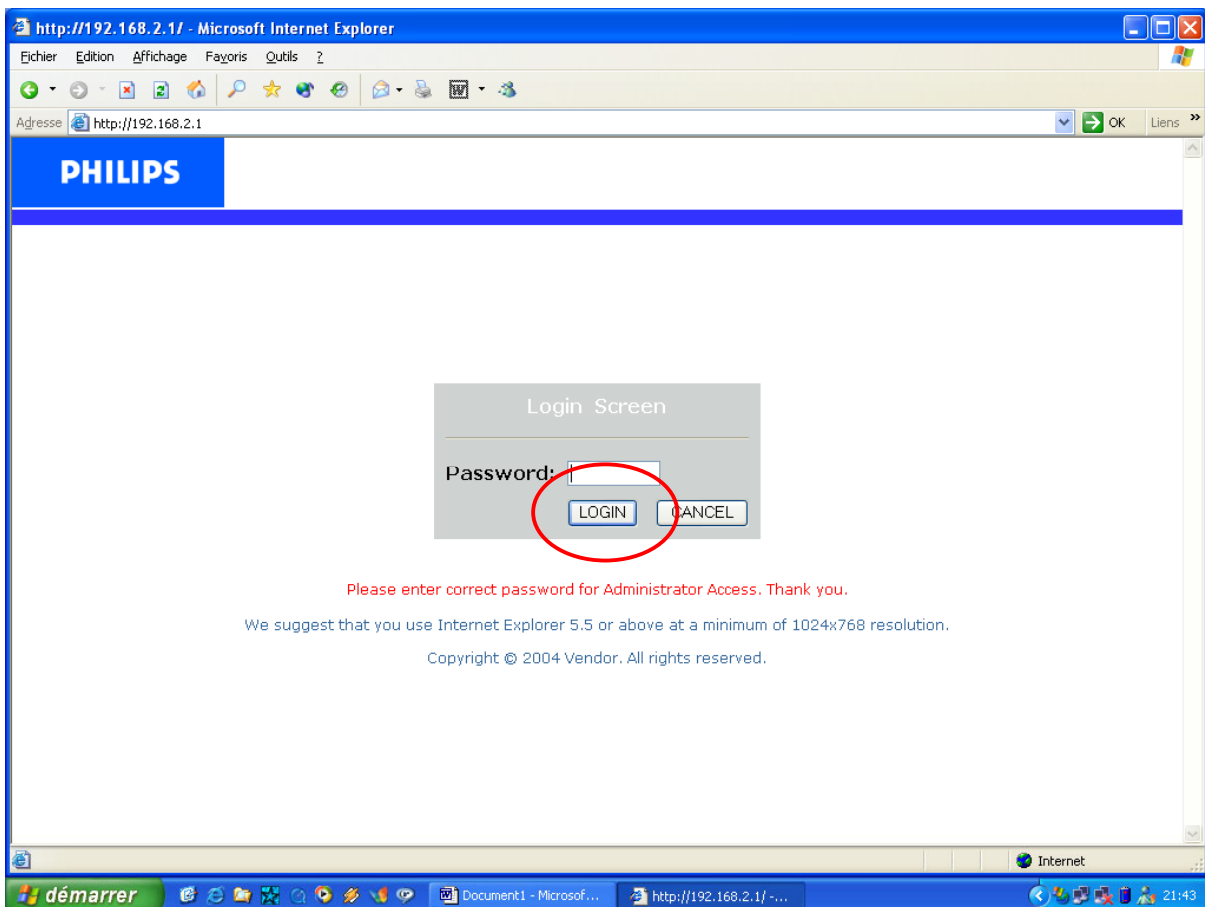
5.1 How do I set the network security of my wireless base station?

5.1.1 Using the Ethernet cable.

To set your wireless security, access the Wireless Base Station with your Internet browser. The default IP address of the base station is <http://192.168.2.1>. If you don't know the IP address of your base station, refer to chapter 4. [Configuring the ADSL Router](#) of the Base station manual.

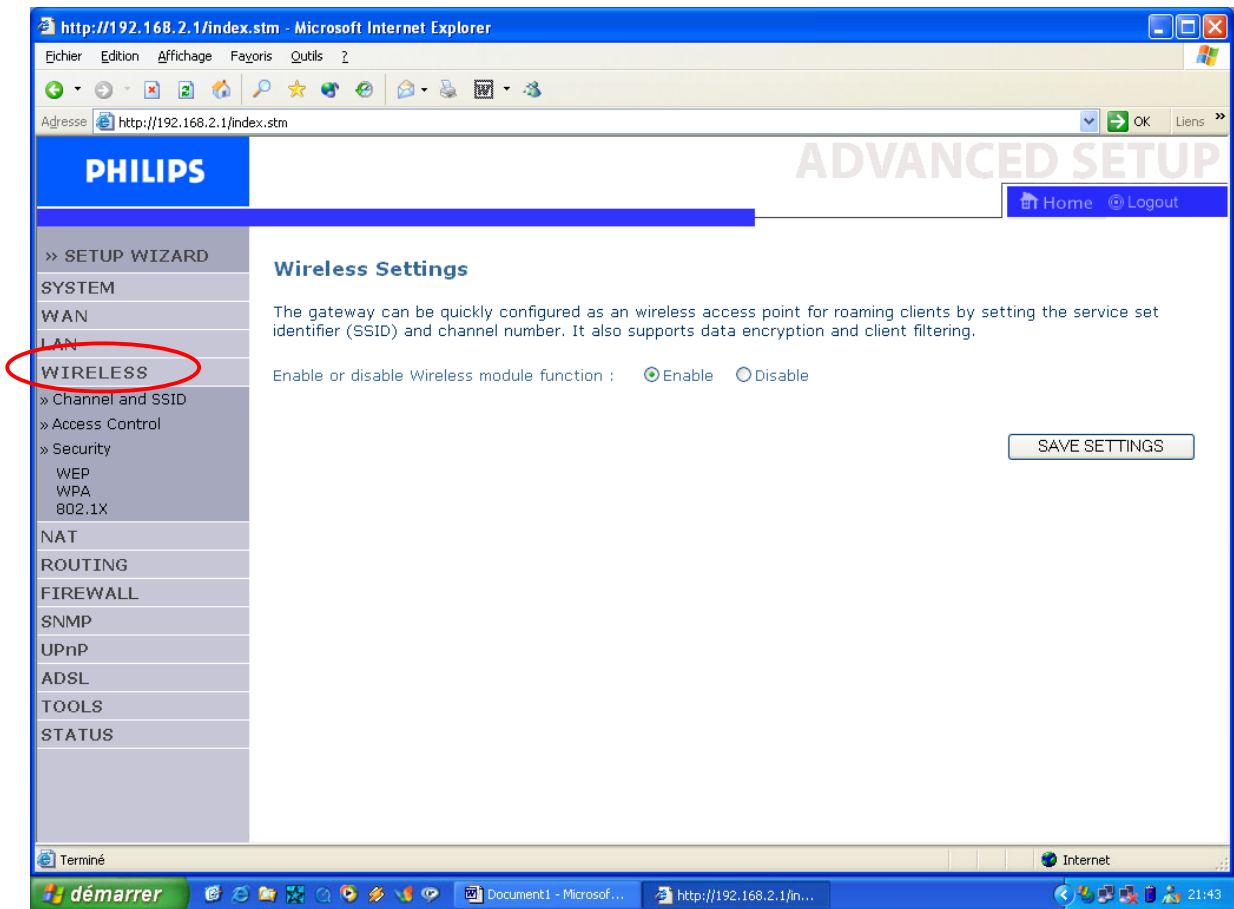


The login screen will appear as shown below. Fill in the password if necessary (by default, no password is needed) and click with the mouse arrow on 'Login'.



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Then click with the mouse arrow on 'Wireless' in the left middle part of the screen. The Wireless Settings screen of the ADSL 515 will be shown.

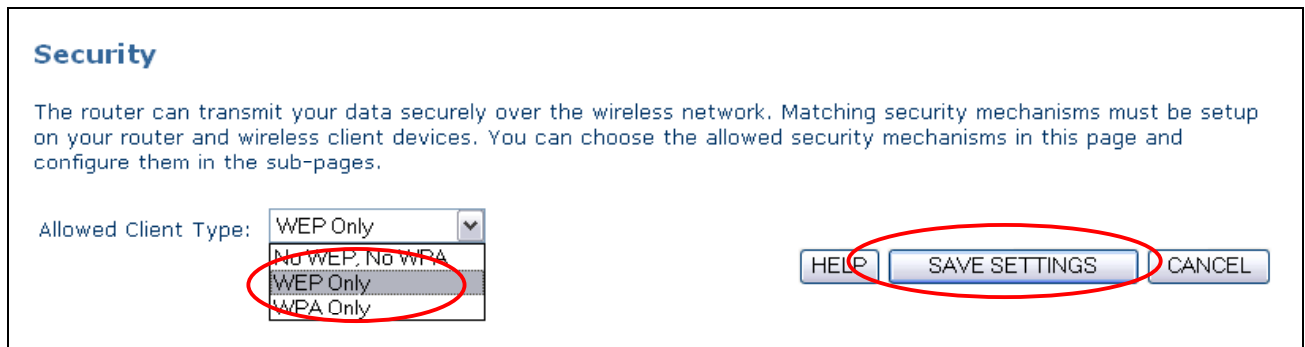


Click with the mouse arrow on Security.

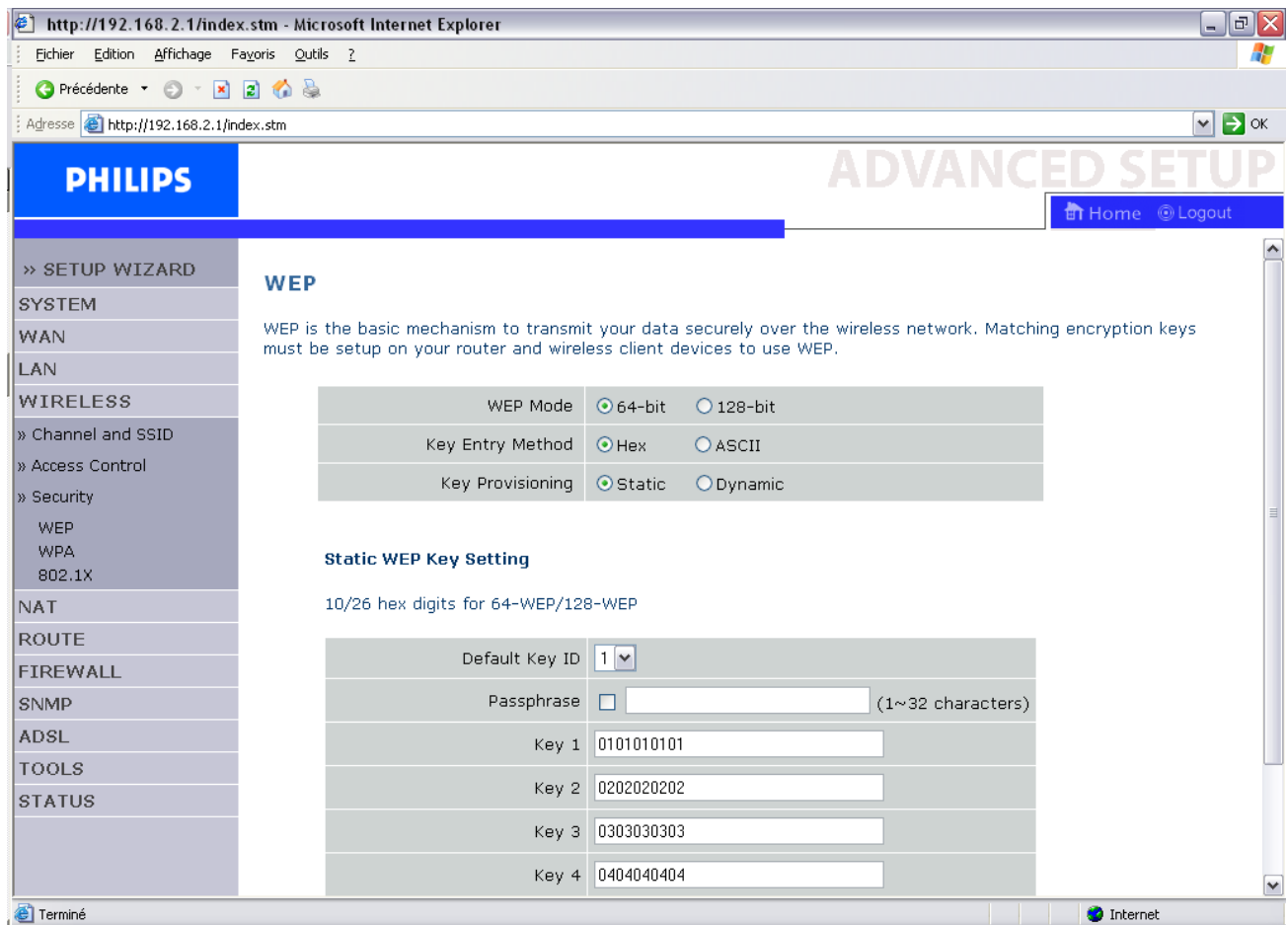


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Click on the arrow button to select the 'Allowed Client Type' and choose 'WEP Only', Then click on 'SAVE SETTINGS'. A progress bar will be visible at the bottom of the browser.



The WEP screen will appear as shown below.



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Click with the mouse arrow on '128-bit' for WEP Mode.

WEP Mode	<input type="radio"/> 64-bit	<input checked="" type="radio"/> 128-bit
Key Entry Method	<input checked="" type="radio"/> Hex	<input type="radio"/> ASCII
Key Provisioning	<input checked="" type="radio"/> Static	<input type="radio"/> Dynamic

Enter your own words in the Passphrase field to generate your WEP encryption key.

Static WEP Key Setting

10/26 hex digits for 64-WEP/128-WEP

Default Key ID	1
Passphrase	<input checked="" type="checkbox"/> Your word (1~32 characters)
Key 1	0101010101
Key 2	0202020202
Key 3	0303030303
Key 4	0404040404
	<input type="button" value="Clear"/>

Then click on 'SAVE SETTINGS'.

The screenshot shows a browser window with a grey header containing the text '086BE5D1A'. Below the header, there are three buttons: 'HELP', 'SAVE SETTINGS', and 'CANCEL'. The 'SAVE SETTINGS' button is circled in red. At the bottom of the browser window, there is a status bar with the text 'Internet' and a small globe icon.

A progress bar will be visible at the bottom of the browser. Your WEP key will be generated during this step.

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Click on the 'WEP' menu on the left side to turn back on the WEP screen and read your WEP key.



Read and note down carefully the WEP key, you will need this key to set up your wireless accessories.

Static WEP Key Setting

10/26 hex digits for 64-WEP/128-WEP

Default Key ID	1
Passphrase	<input type="checkbox"/> (1~32 characters)
Key 1	09144CEB12B255DB9086BE5D1A
Key 2	09144CEB12B255DB9086BE5D1A
Key 3	09144CEB12B255DB9086BE5D1A
Key 4	09144CEB12B255DB9086BE5D1A
	<input type="button" value="Clear"/>

In this example, the key is '09144CEB12B255DB9086BE5D1A'.

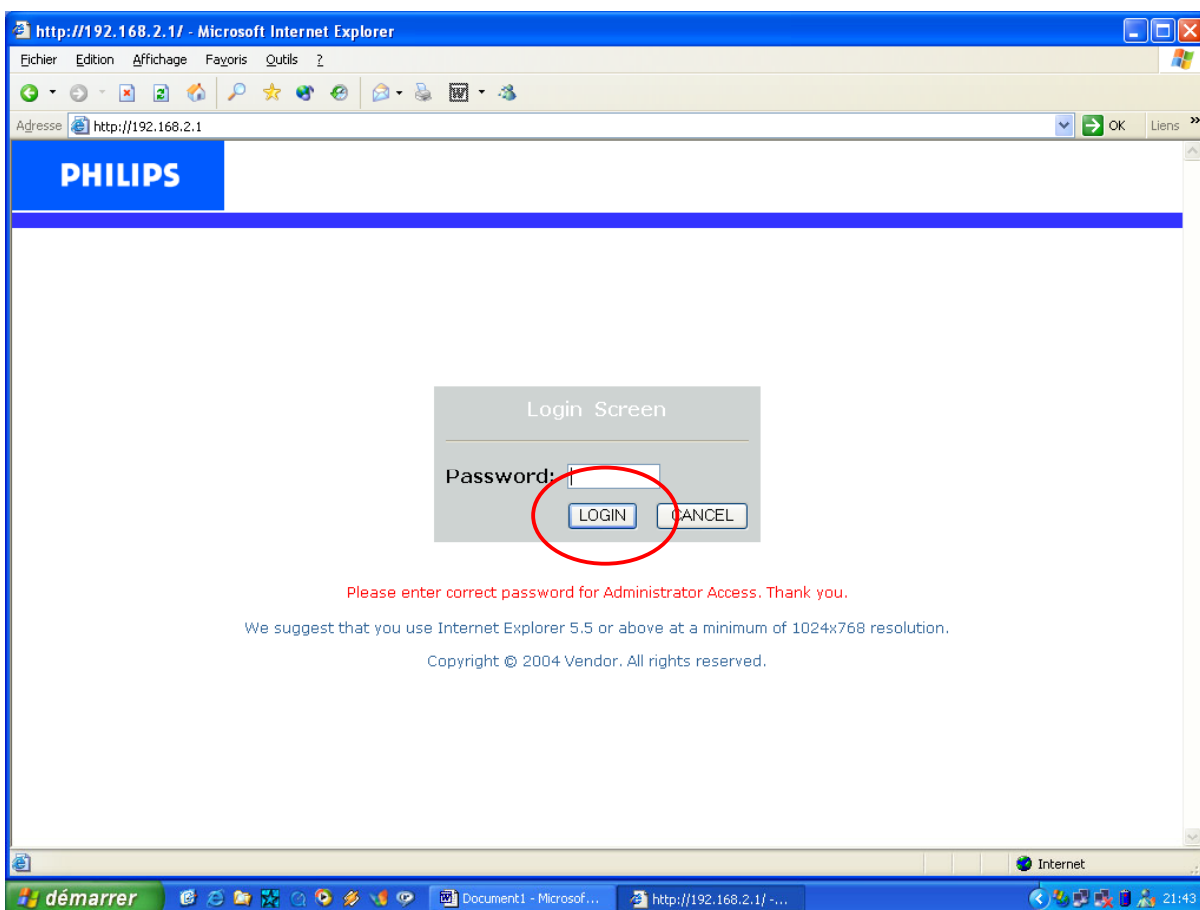
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5.1.2 Using the wireless accessory.

To set your wireless security, access the Wireless Base Station with your Internet browser. The default IP address of the base station is <http://192.168.2.1>. If you don't know the IP address of your base station, refer to chapter 4. [Configuring the ADSL Router](#) of the Base station manual.

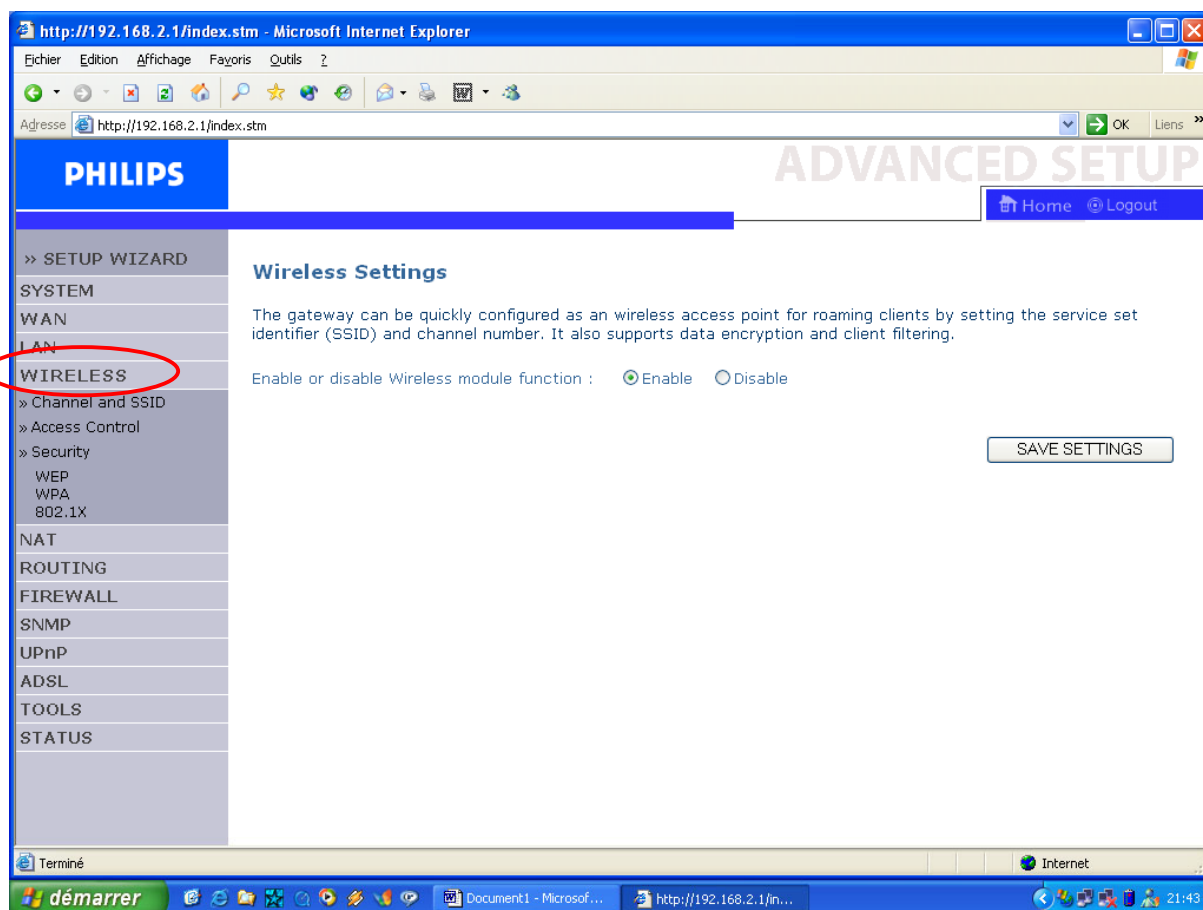


The login screen will appear as shown below. Fill in the password if necessary (by default, no password is needed) and click with the mouse arrow on 'Login'.



Then click with the mouse arrow on 'Wireless' in the left middle part of the screen. The Wireless Settings screen of the ADSL 515 will be shown.

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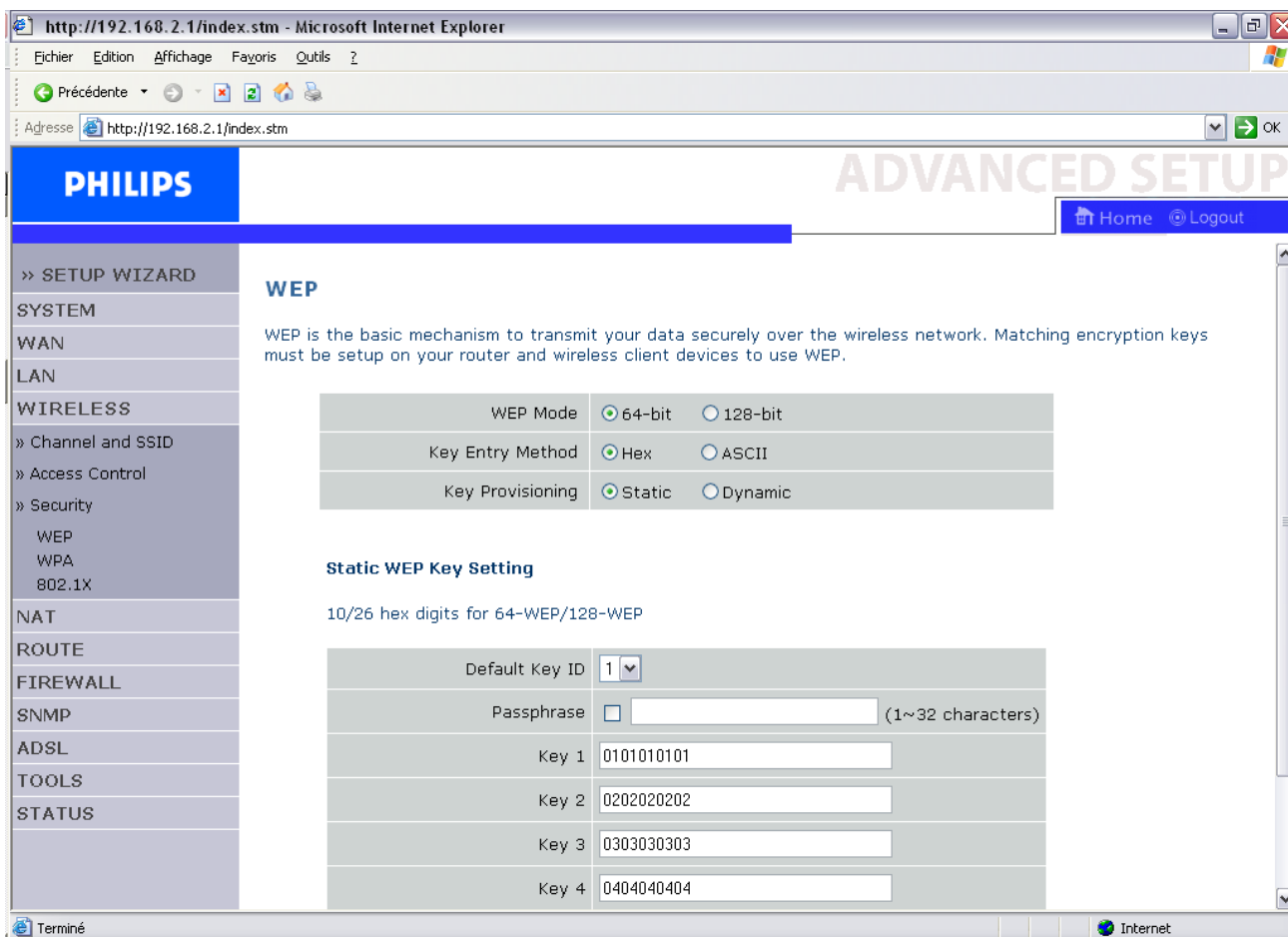


Click with the mouse arrow on 'WEP' menu on the left side of the screen.

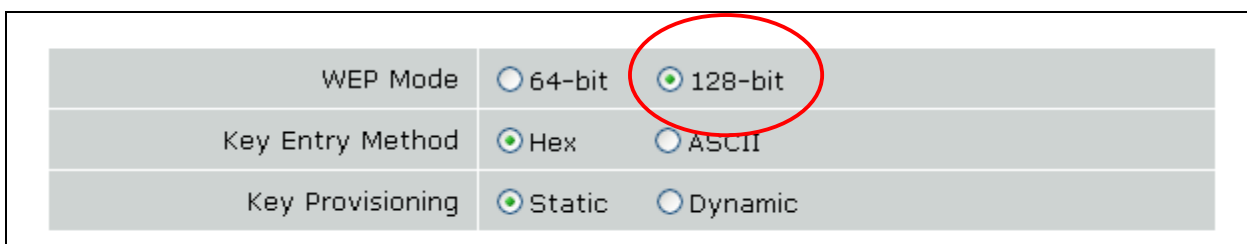


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The WEP screen will appear as shown below.



Click with the mouse arrow on '128-bit' for WEP Mode.



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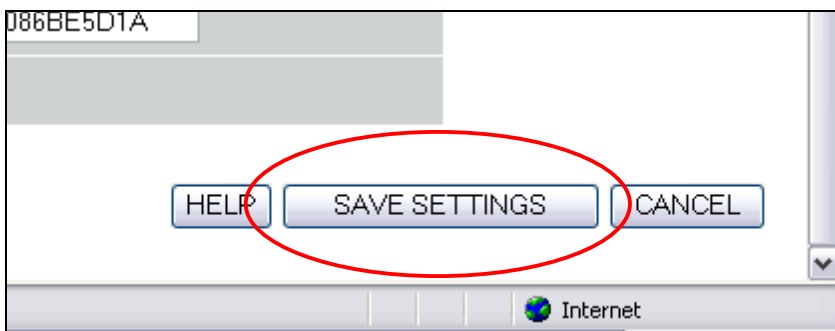
Enter your own words in the Passphrase field to generate your WEP encryption key.

Static WEP Key Setting

10/26 hex digits for 64-WEP/128-WEP

Default Key ID	1
Passphrase	<input checked="" type="checkbox"/> Your word (1~32 characters)
Key 1	0101010101
Key 2	0202020202
Key 3	0303030303
Key 4	0404040404
	<input type="button" value="Clear"/>

Then click on 'SAVE SETTINGS'.



A progress bar will be visible at the bottom of the browser. Your WEP key will be generated during this step.

Click on the 'WEP' menu on the left side to turn back on the WEP screen to read your WEP key.

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Read and note down carefully the WEP key, you will need this key to set up your wireless accessories.

Static WEP Key Setting

10/26 hex digits for 64-WEP/128-WEP

Default Key ID	1
Passphrase	<input type="checkbox"/> (1~32 characters)
Key 1	09144CEB12B255DB9086BE5D1A
Key 2	09144CEB12B255DB9086BE5D1A
Key 3	09144CEB12B255DB9086BE5D1A
Key 4	09144CEB12B255DB9086BE5D1A
<input type="button" value="Clear"/>	

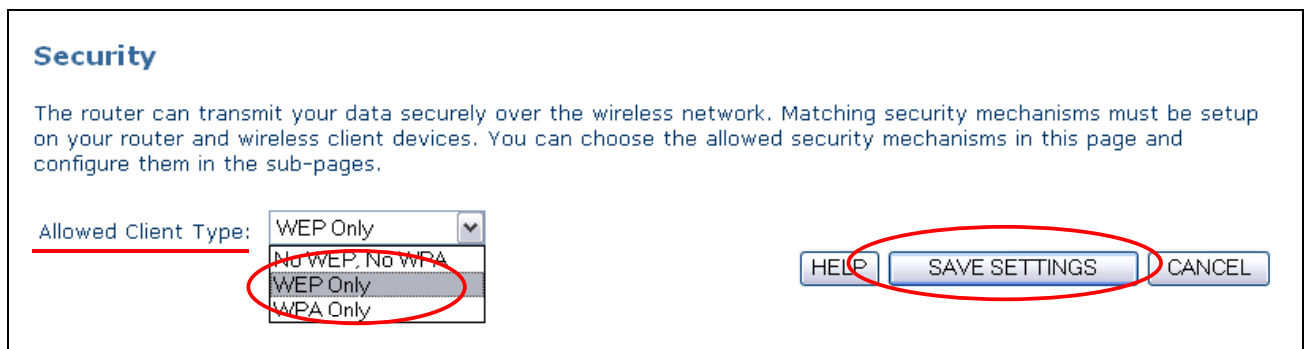
In this example, the key is '09144CEB12B255DB9086BE5D1A'.

Click with the mouse arrow on Security.



Click on the arrow button to select the 'Allowed Client Type' and choose 'WEP Only'. Then click on 'SAVE SETTINGS'. A progress bar will be visible at the bottom of the browser.

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This operation will activate the security, at this step you are not able to connect to your wireless base station until you have set your accessory. (See chapter 5.2 How do I set the security of my wireless accessories).

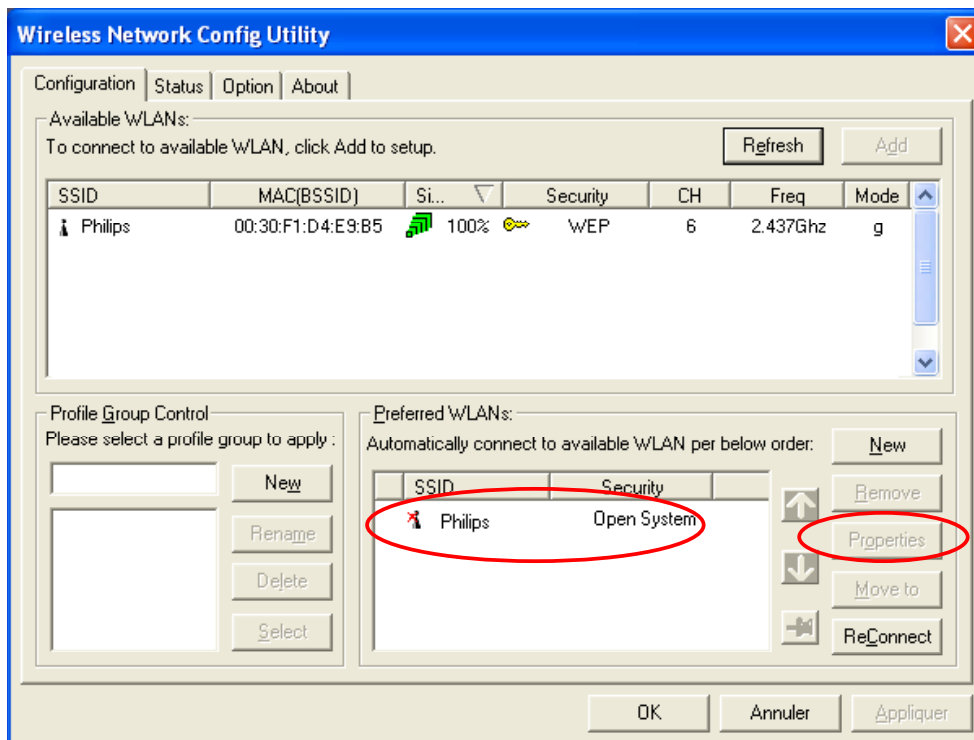
5.2 How do I set the security of my wireless accessories?

Note: If you are not using the Philips WiFi accessory provided with your ADSL 515, please refer to the user manual of this accessory.

Connect your WiFi USB or PC-Card to your computer, the Wireless Network Config Utility will start automatically. (If not, click on Start, choose Run and type 'WlanMon.exe'), Then double click with the mouse arrow on the Wireless Network Config Utility icon.

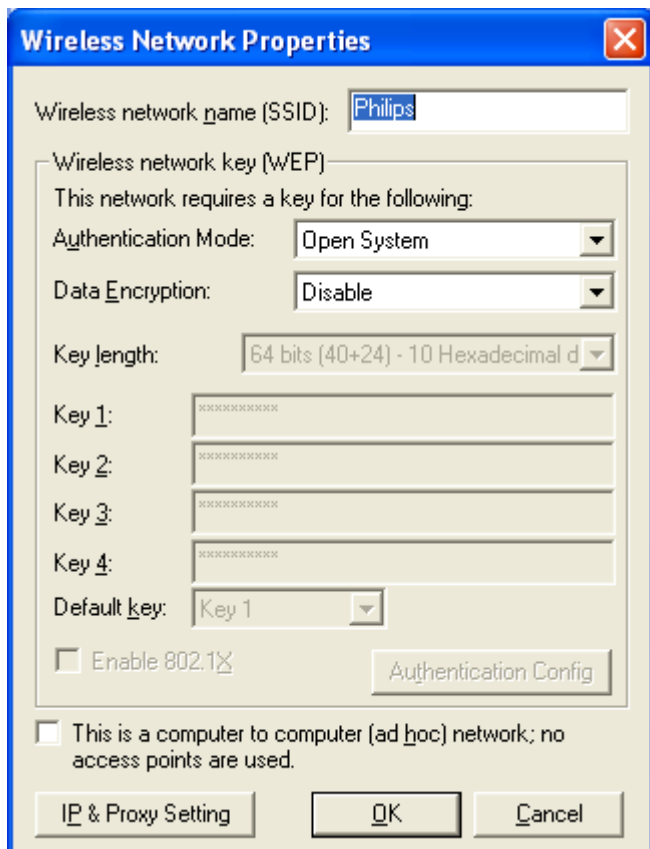


The Utility Software will be displayed, click on 'Philips' as shown below then click on properties.

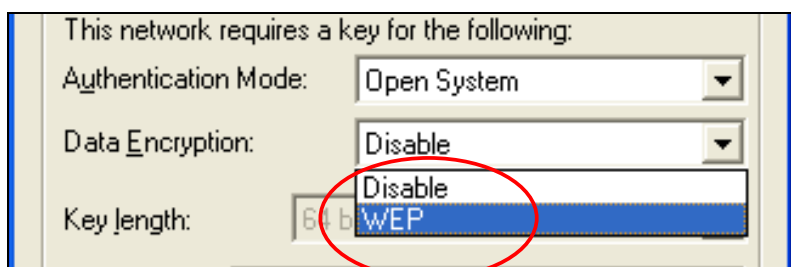


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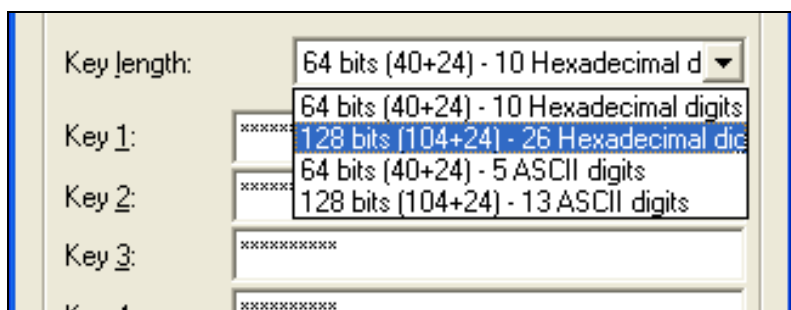
The screen below will be displayed.



Set the 'Data Encryption:' field to WEP



Set the 'Key length:' field to 128 bits (104+24) – Hexadecimal digits



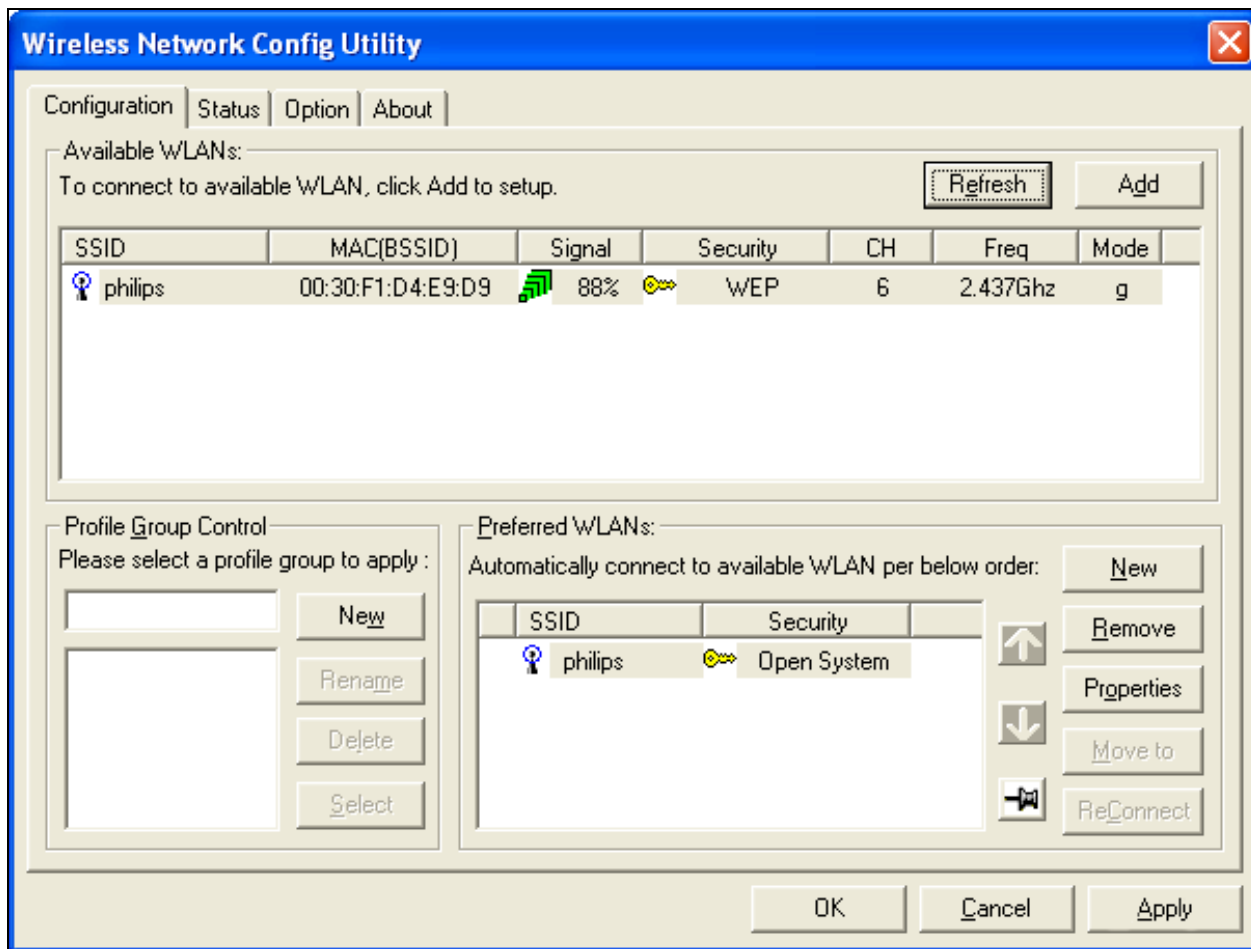
Then fill in the 'Key 1' field with the WEP key noted above (See chapter 5.1 How do I set the security of my wireless base station network?).

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Apply the setting by clicking on OK.



The Utility Software is now displayed as shown below.



Apply the settings by clicking on the 'Apply' button.

Your wireless network is now secured with a WEP encryption.